

Converting Colors

XYZ(95.0905, 120.6758,
97.3703)

Have a look what the booklet for
XYZ(95.0905, 120.6758, 97.3703)
contains.

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Color

**XYZ(81.3317, 93.2641,
93.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFFEC
RGB	223, 255, 236
RGB Percent	87%, 100%, 93%
CMY	0.1255, 0.0000, 0.0745
CMYK	0.13, 0.00, 0.07, 0.00
HSL	144°, 100%, 94%
HSV	144°, 13%, 100%
XYZ	81.3317, 93.2641, 93.0720
YIQ	243.2660, -12.9730, -12.6930

Conversions

Conversions Part 2

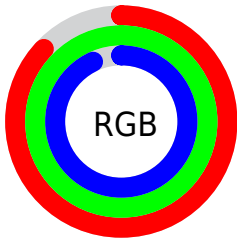
Format	Color
R_{YB}	223, 246, 255
Decimal	14680044
CIE _{Lab}	97.33, -13.82, 5.60
CIE _{LCh}	97, 14.911, 157.958
Y _{xy}	93.2641, 0.3039, 0.3484
Android (android.graphics.Color)	4292870124 (0xFFDFFFE _C)
YUV	243.2660, -3.5821, -17.7733
Hunter-Lab	96.5733, -18.6750, 10.4609

Details

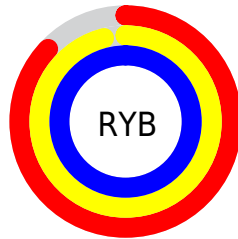
The XYZ color **81.3317, 93.2641, 93.0720** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.6551, 80.4470, 95.1229**, and the grayscale version is **85.4378, 89.8872, 97.8871**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5808, 52.0083, 50.8690** is the 20% darker color. If you saturate the color by 10%, you get **71.9503, 88.6712, 81.6333**, and if you desaturate by 10%, it is **92.0844, 98.5422, 105.5512**.

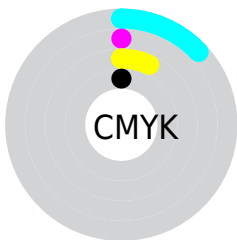
Distribution



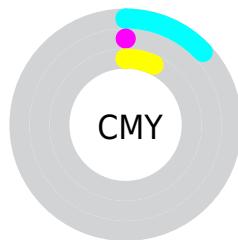
- Red (87%)
- Green (100%)
- Blue (93%)



- Red (87%)
- Yellow (96%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3317, 93.2641, 93.0720 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 81.3317, 93.2641, 93.0720 by changing the saturation by 10% instead.

81.3317, 93.2641,
93.0720

81.3317, 93.2641,
93.0720

488.0780,
538.5926, 558.8000

61.1270, 70.6910,
69.9434

134.1771,
151.8642, 153.5709

44.5806, 52.0901,
51.0038

167.5486,
188.6600, 191.7781

31.3271, 37.0769,
35.8349

206.0398,
230.9656, 235.8487

21.0011, 25.2670,
24.0180

250.0160,
279.1652, 286.2012

13.2373, 16.2761,
15.1347

299.8425,
333.6433, 343.2539

7.6703, 9.7198,
8.7663

355.8848,

3.9347, 5.2135,

394.7843, 407.4257

4.4943

418.5082,
462.9726, 479.1348

■ 1.6653, 2.3731,
1.9003

■ 0.4344, 0.8120,
0.4929

■ 81.3317, 93.2641,
93.0720

■ 81.3317, 93.2641,
93.0720

■ 71.9503, 88.6712,
81.6333

■ 92.0844, 98.5422,
105.5512

■ 63.8804, 84.7336,
71.2040

95.0500, 100.0000,
108.9000

■ 57.0615, 81.4203,
61.7577

■ 51.4268, 78.6976,
53.2653

■ 46.9032, 76.5285,
45.6960

■ 43.4093, 74.8715,
39.0176

■ 40.8512, 73.6790,
33.1954

■ 39.1164, 72.8936,
28.1925

■ 38.2385, 72.5114,
24.9714

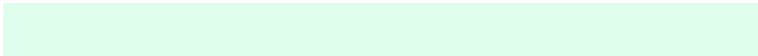
Harmonies

Analogous

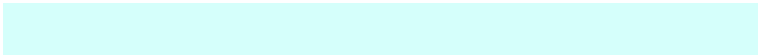
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7451, 93.2641, 84.3001



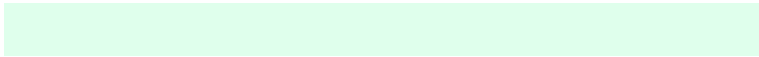
81.3317, 93.2641, 93.0720



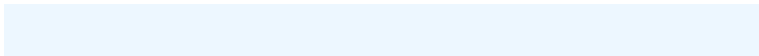
80.8463, 93.2641, 104.8014

Triad

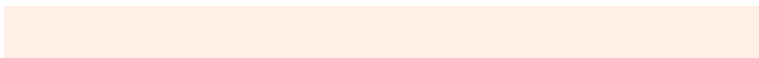
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3317, 93.2641, 93.0720



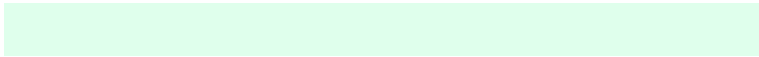
89.7733, 93.2641, 126.3556



95.2001, 93.2641, 87.9105

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



81.3317, 93.2641, 93.0720



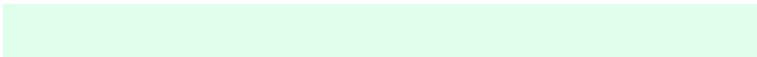
83.6551, 80.4470, 95.1229

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.9292, 93.2641, 98.3641



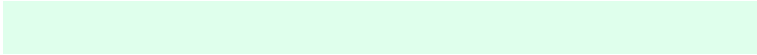
81.3317, 93.2641, 93.0720



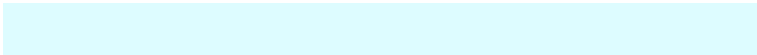
93.7318, 93.2641, 121.0030

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3317, 93.2641, 93.0720



85.6333, 93.2641, 124.6566



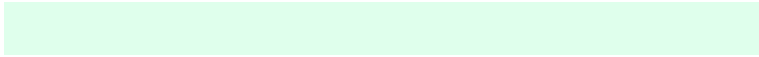
96.3835, 93.2641, 110.5252



91.7260, 93.2641, 81.4891

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



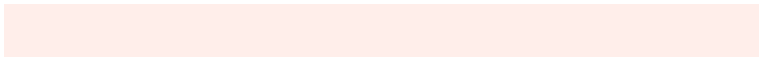
81.3317, 93.2641, 93.0720



81.6665, 93.2641, 112.8421



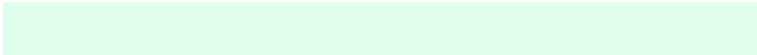
96.3835, 93.2641, 110.5252



96.0096, 93.2641, 91.0352

Sweetspot

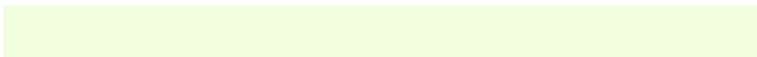
The Sweet Spot groups the original color and five complimentary colors.



81.3325, 93.2645, 93.0735



90.4366, 97.7326, 103.6745



85.7664, 95.7606, 83.7764



19.1769, 20.8302, 21.9843



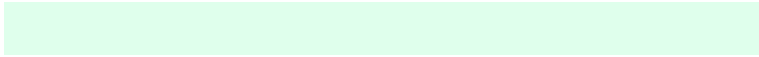
0.0000, 0.0000, 0.0000



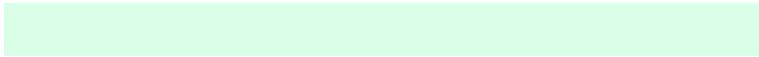
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3325, 93.2645, 93.0735



78.9078, 92.0761, 90.1738



83.7309, 94.2238, 105.7034



18.0774, 20.2905, 20.7107



20.0498, 37.9165, 13.4135



2.0047, 3.7128, 1.5824

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83.6551, 80.4470, 95.1229



81.6365, 77.0161, 92.5809



81.3832, 79.5383, 83.1596



18.4620, 18.1681, 21.0502



24.5604, 12.3135, 16.8676



2.4456, 1.2206, 1.9277

Previews

White Background



This preview shows how the XYZ color 81.3317, 93.2641, 93.0720 looks on a white background.

Color Contrast Check

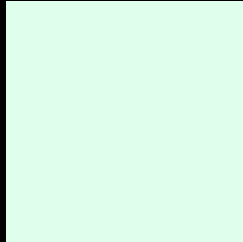
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 81.3317, 93.2641, 93.0720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

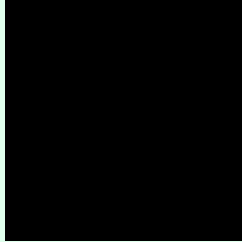
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

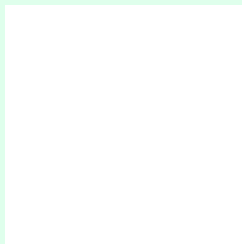
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3317, 93.2641, 93.0720

Background



This preview shows how black text looks on a background with the XYZ color 81.3317, 93.2641, 93.0720.



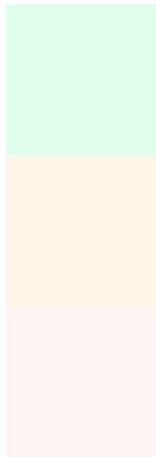
This preview shows how white text looks on a background with the XYZ color 81.3317, 93.2641,

93.0720.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

81.3317, 93.2641, 93.0720

Protanopia

88.6196, 92.9411, 88.8700

Deuteranopia

90.3738, 93.1574, 99.6042

Tritanopia

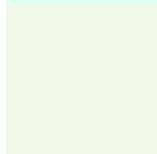
87.8930, 93.0556, 107.9368

Trichromacy



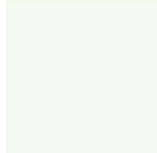
Original Color

81.3317, 93.2641, 93.0720



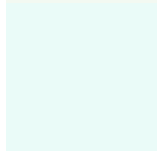
Protanomaly

85.5458, 92.6892, 90.4729



Deuteranomaly

86.8648, 93.2169, 97.4188



Tritanomaly

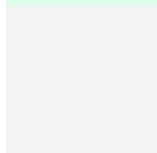
85.3721, 93.2641, 102.3091

Monochromacy



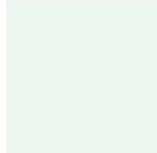
Original Color

81.3317, 93.2641, 93.0720



Achromatopsia

85.1904, 89.6269, 97.6037



Achromatomaly

83.5810, 90.6457, 95.5292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3317, 93.2641, 93.0720 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 236)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 81.3317, 93.2641, 93.0720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 255, 236) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 255, 236) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(223, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3317, 93.2641, 93.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 236) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
255, 236) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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